

ABSTRACT OF THE DISCLOSURE

An apparatus, method and system for the treatment, sampling, and transportation of chemical weapon materiel contained in a small frangible glass, e.g., container. The apparatus, method and system permit the chemical weapon materiel to be easily treated and contained by a technician in the field to produce non-military chemicals suitable for transport and final disposal. An illustrative embodiment of the apparatus includes a single-use vessel having a compression section and a treatment portion for holding a bottle of chemical weapon materiel and a volume of treatment chemical. A cover is positioned on the vessel and is used to support a compression jack. A portion of the compression jack is installed between the cover and a compression frame and is extended until the compression section of the vessel is compressed. An impact member is attached to the cover wherein upon compression of the compressible section, the impact member breaks the bottle, thus mixing the chemical weapon materiel with the treatment chemical to produce a chemical waste that can be sampled if necessary and transported while still within the sealed vessel for final disposal.

SECRET